

PA-IDC

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>10/031,251</u>	Prepared by <u>me</u>	Tracking Number <u>05994343</u>	
Examiner-GAU <u>Jackson JR - 2815</u>	Date <u>9-11-01</u>	Week Date <u>8-9-01</u>	
	No. of queries <u>1</u>	<u>B-IFW</u>	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
a. Page Missing	<p>Original claims 46, 47, and 51 have improper dependencies. clm peds (5-21-01) please resolve.</p>
b. Text Continuity	
c. Holes through Data	
d. Other Missing Text	
e. Illegible Text	
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
CLAIMS	
a. Claim(s) Missing	
<u>b. Improper Dependency</u>	
c. Duplicate Numbers	
d. Incorrect Numbering	
e. Index Disagrees	
f. Punctuation	
g. Amendments	
h. Bracketing	
i. Missing Text	
j. Duplicate Text	
k. Other	
	<p>RESPONSE</p> <p>claim 46 should depend on claim 45</p> <p>claim 47 should depend on claim 46</p> <p>claim 51 should depend on claim 50.</p> <p>See attachment & examiner's amendment.</p>

Thank You
initials me

initials [Signature]

two bonding layers each attached to a respective active layer, and a heat sink layer interposed between the two bonding layers, the heat sink layer being operable to conduct heat away from the active layers.

45
46. (New) A radiation source according to claim ~~46~~, in which the heat sink layer is composed of sapphire.

46
47. (New) A radiation source according to claim ~~47~~, in which each bonding layer is composed of chalcogenic glass and the sapphire layer is sandwiched between the glass layers.

48. (New) A radiation source according to claim 30, in which the intermediary layer is made of polymer compounds and parafins or liquids.

49. (New) A radiation source according to claim 30, in which the intermediary layer is made of chalcogenic glass.

50. (New) A radiation source according to claim 30, in which the source has a coating in contact with an active layer or active layer cap, said coating reducing internal reflection losses.

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51. (New) a radiation source according to claim ~~51~~ in which the coating forms a Weierstrass sphere for forming a narrow far field pattern.